

Date: Sun, 24 Apr 94 04:30:08 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #450
To: Info-Hams

Info-Hams Digest Sun, 24 Apr 94 Volume 94 : Issue 450

Today's Topics:

 Converting CB to 10 meter
 Deviation Control For Standard 5608A
dual band: is (one of) Yaesu, Icom, or Kenwood a good choice?
 GB2RS News 24th April 1994
 HTX-202
 IPS Daily Report - 22 April 94
 Luck Hurder ... gone:(Why?
 Pet Peeve
 Question about packet from beginner HAM
 rec.radio.amateur.vhf.plus (?)
The Confiscated HT Story (was Illinois anti scanner legisla)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Apr 94 21:28:51 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!barrnet.net!informix.com!informix.com!
informix.com!randall@network.ucsd.edu
Subject: Converting CB to 10 meter
To: info-hams@ucsd.edu

david.little@mfnjctn.dmc.com (David Little) writes:
>Franklin of CB City International. He has ads in most electronics
>magazine classified sections, and provides info, parts, etc. for the
>modifications. Good luck with the project.

His ads in ham magazines usually have the "CB TO 10 METERS" headline.

I have a few of Lew's publications, and they are quite informative. For a few bucks, you can get a rather extensive list of CBs and whether or not they can be modified. (Many CBs, including most Radio Shack CBs, cannot be modified) He also sells manuals on how to perform the modifications. I have a converted Cobra 148, and it works quite well.

73 DE KGOHW

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Randall Rhea                                Informix Software, Inc.
Project Manager, MIS Sales/Marketing Systems  randall@informix.com
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Date: 22 Apr 94 18:47:33 GMT
From: agate!howland.reston.ans.net!cs.utexas.edu!asuvax!pinyon.libre.com!not-for-mail@ucbvax.berkeley.edu
Subject: Deviation Control For Standard 5608A
To: info-hams@ucsd.edu

Ed Parish (parish@think.com) wrote:

: I need to adjust the deviation in my Standard 5608A. Does anyone have a
: service manual or know the location of the adjustment? Any information
: would be useful. Thanks

: Ed
: parish@think.com

Ed:

Deviation for VHF is adjusted with R635, which is located under the TOP cover of the radio in between two shielded boxes (middle left) of the board.

Deviation for UHF is adjusted with R214, which is located under the BOTTOM cover of the radio next to a small shielded box (middle left) of the board.

You may have to remove the top press on shield cover to gain access to the VR's.

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Stephen C. Gross T-4, PLT 707                Pilot B737
America West Airlines
4000 E. Sky Harbor Blvd.                    phone: (602) 860-8051
Phoenix, AZ 85034                          e-mail: sgross@libre.com
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Date: 24 Apr 94 10:31:02 GMT
From: dog.ee.lbl.gov!agate!deep.rsoft.bc.ca!giant!a10554@ucbvax.berkeley.edu
Subject: dual band: is (one of) Yaesu, Icom, or Kenwood a good choice?
To: info-hams@ucsd.edu

clinton.peebles@kbsbbs.com (Clinton Peebles) writes:

>I have an ICOM W21AT and it's great. With a keyboard mod., it can
>receive from 50MHz - 999MHz. Will work as a cross-band repeater, you

Please state among what range does the PLL lock? And when it has
reasonable sensitivity? I'd buy it right out if it does have continuous
range. But I don't think so.

>can monitor 2m/2m, 2m/70cm, or 70cm/70cm. Great little radio. The
>March/94 issue of QST did a review of dual band hand helds.

> * QMPro 1.52 * No, I'm NOT an Extended Character.

--

David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca
I will prefer e-mail sent to above address.
My PO Box is CANCELLED, please do not use.

Date: 23 Apr 94 19:47:03 GMT
From: agate!howland.reston.ans.net!pipex!demon!llondel.demon.co.uk!
dave@ucbvax.berkeley.edu
Subject: GB2RS News 24th April 1994
To: info-hams@ucsd.edu

Good morning. It's Sunday the 24th of April and here is the GB2RS news
broadcast, prepared by the Radio Society of Great Britain.

First the headlines:- Cheshire Raynet members save a boy's life; another
RSGB Regional Meeting is scheduled; and we explain why the HF bands have
been poor this week.

The May edition of the RSGB's magazine, Radio Communication, is due to
be posted to all members early this week.

Amongst the news items in May RadCom is one concerning three Cheshire
Raynet members who, whilst walking on Clwyd mountains on Boxing Day,
came across an injured boy. They raised the alarm via the GB3MP
repeater. The emergency services quickly responded and took the boy to

hospital. He has now made a full recovery. The three heroes were Anthony Lewis, G6LBC; Graham Pemberton, G7NEH and Peter Baston, GW0PJA. Cheshire's County Emergency Planning Officer commented that the three "had undoubtedly saved Alfie's life" and that this was the quality of response that he had learned to expect of the Raynet group.

The RSGB has announced the date of another Regional Meeting. This one takes place at Brighthouse in West Yorkshire on Sunday the 5th of June. These meetings are for members and non-members of the Society to meet Council Members, Society Officers and staff to discuss the workings of the Society and amateur radio related matters. For further details, contact RSGB Zonal Council Member Peter Sheppard, G4EJP, on 0964 550397.

The recently contested North Ferriby Amateur Radio Society Two metre Race was won by Malcolm Cohen, G4XWA. At the Club's Annual Dinner, Malcolm was presented with the winners trophy by club Chairman, Frank Lee, G3YCC. The North Ferriby ARS Memorial Trophy is competed for on an annual basis and is in memory of past members.

The RSGB EMC Coordinator for North Wales Chris Barnes, GW3BZD has had his telephone number changed. If you are an RSGB member living in or near North Wales, and you need EMC advice, call Chris on 0248 353940.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0.

Date: Sat, 23 Apr 1994 00:10:10 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
cslye@network.ucsd.edu
Subject: HTX-202
To: info-hams@ucsd.edu

Well now that I have the tower cleaned up and ready, what antenna should I get for a HTX-202? I want to just hook the wire up when ever I am in the room. The tower is a old TV antenna pole with the antenna taken off. Once I get this antenna where do I put it? What if I want to add another one later? Can I just put a cross and put one on each side? Or can I put one a little bit farther down the pole?

THANKS!!

cslye@netcom.com

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cslye@netcom.com

Date: Fri, 22 Apr 1994 23:13:57 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!pipex!sunic!trane.uninett.no!
nac.no!ifi.uio.no!wabbit.cc.uow.edu.au!metro!ipso!rwc@network.ucsd.edu
Subject: IPS Daily Report - 22 April 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 22/2330Z APRIL 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 22 APRIL AND FORECAST UP TO 25 APRIL

No warning is current.

1A. SOLAR SUMMARY

Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 085/027

1B. SOLAR FORECAST

	23 April	24 April	25 April
Activity	Low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 085/027

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A	K	Observed A Index 21 April
Learmonth	07 3222 2112	
Fredericksburg	05	12
Planetary	08	09

Observed Kp for 21 April: 2231 2233

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
------	----	------------

23 Apr 10 Quiet to unsettled.
24 Apr 10 Quiet to unsettled.
25 Apr 10 Quiet to unsettled.

2C. MAGNETIC COMMENT

None.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
22 Apr	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
23 Apr	normal	normal	normal
24 Apr	normal	normal	normal
25 Apr	normal	normal	normal

3C. GLOBAL HF PROPAGATION COMMENT

Conditions expected to remain normal until April 28.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values

Observed T index for 22 April: 50

Predicted Monthly T Index for April is 40.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
23 Apr	45	Near predicted monthly values.
24 Apr	45	Near predicted monthly values.
25 Apr	45	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

None.

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IPS Regional Warning Centre, Sydney
email: rwc@ips.oz.au fax: +61 2 4148331
RWC Duty Forecaster tel: +61 2 4148329
Recorded Message tel: +61 2 4148330

|IPS Radio and Space Services
|PO Box 5606
|West Chatswood NSW 2057
|AUSTRALIA

Date: Sat, 23 Apr 1994 07:04:18 GMT

From: pa.dec.com!nntpd2.cxo.dec.com!iamu.chi.dec.com!little@decwrl.dec.com
Subject: Luck Hurder ... gone:(Why?
To: info-hams@ucsd.edu

So what was the newly enacted policy?

73,
Todd
N9MWB

Date: 22 Apr 1994 22:18:31 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!crcnis1.unl.edu!
docman.doc.state.ne.us!hannibal!mcduffie@network.ucsd.edu
Subject: Pet Peeve
To: info-hams@ucsd.edu

Alan Bloom (alanb@sr.hp.com) wrote:
: arm@helix.nih.gov (Andrew Mitz) wrote:

: >In article <CoIswx.4z8@srngenprp.sr.hp.com> alanb@sr.hp.com (Alan Bloom) writes:

: >>An easy alternative would be to use an audio detector hooked to a
: >>keying transistor. That way, your friend could whistle or voice
: >>the code directly.
: >>
: >>I have also heard of mouth-activated switches that handicapped
: >>people have used to send code.

: >Let's put my friend in the 1990s, not the 1960s.

This is one of those rare times when I have to come down on the opposite side of the fence from Al. I don't recall it being mentioned in the original post, but I assumed from the wording that the party in question was a true cw operator and would be running 25+wpm. Can you imagine trying to click your jaws at that speed...or puffing on a straw at that speed. It would be terribly frustrating for a cw op to be restricted to the speeds that could be accomplished using such archaic methods. Sorry, Al.

73, Gary - AG0N

P.S. Are you really in SR, Al? I have family there!

Date: 24 Apr 94 09:39:07 GMT
From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!cleveland.Freenet.Edu!

ah157@ucbvax.berkeley.edu
Subject: Question about packet from beginner HAM
To: info-hams@ucsd.edu

I am expecting my license in the next few weeks and want to get into packet when I get it.

I was going to use a 2 meter radio.

I have a commodore 64 and a macintosh each with a modem, a 1200 and 14400 respectively. What type of hardware will i need and what price is it going for? Please leave mail with any info.

Thanks

Rob

Date: 22 Apr 1994 11:57:58 -0700
From: ihnp4.ucsd.edu!usc!crash!news.sprintlink.net!connected.com!connected.com!
not-for-mail@network.ucsd.edu
Subject: rec.radio.amateur.vhf.plus (?)
To: info-hams@ucsd.edu

rec.radio.amateur.vhf.plus should it be created?

This is a informal request to see if there is enough interest to warrant a new news group. The driving factors in this interest are, the apparent demise of the vhf list run out of Stanford University and the lack of any other news group for this area. The major unknown is if there is enough interest to set up a formal RFD/CFV for this area.

While my primary interest is in the weak signal area, I have also noticed a general need in areas of ATV, Repeaters, FM, etc. So I envision the charter as being read very broadly, to include all areas of VHF/UHF/SHF interest, except RC, satellite, and packet (as they have their own forums)

Please reply to me via email or to rec.radio.amateur.misc (also posted to rec.radio.amateur.space and rec.radio.amateur.policy)

Ralph Lindberg N7BSN member ARRL, AMSAT,CS-VHF,MW-Microwave, Kistap ARES
email =>dragonsl@hebron.connected.com

Date: 24 Apr 94 10:07:49 GMT
From: dog.ee.lbl.gov!agate!deep.rsoft.bc.ca!giant!a10554@ucbvax.berkeley.edu
Subject: The Confiscated HT Story (was Illinois anti scanner legisla)
To: info-hams@ucsd.edu

Of course I forgot to mention that person was the same guy who

sent out for the prosecution of poor Boyer :).

--

David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca

I will prefer e-mail sent to above address.

My PO Box is CANCELLED, please do not use.

Date: 22 Apr 94 21:31:03 GMT

From: ihnp4.ucsd.edu!swrinde!sgiblab!barrnet.net!informix.com!informix.com!
informix.com!randall@network.ucsd.edu

To: info-hams@ucsd.edu

References <2o41f4\$1b5@news.iastate.edu>, <randall.766446966@informix.com>,
<2oq1i5\$ikr@dancer.cc.bellcore.com>

Subject : Re: 6m Equipment?

whs70@dancer.cc.bellcore.com (sohl,william h) writes:

>If you are in the market for a new HF rig (as I recently was) opting
>for a rig with 6M doesn't add additional cost anywhere near as much as
>buying a separate 6M rig would. Check out the incremental cost
>difference between the TS-450S (HF, no 6M) and the TS-690S (same
>rig as the TS-450 but with the 6M band, all modes).

If I recall, the Icom 726 was about \$400 more than the 725. This
is certainly less expensive than buying a separate rig for 6m.
However, if you want to get serious about 6m DX, you will want
100 watts and a better receiver, and soon you will be in the market
for an Icom 575H. The HF-plus-6m rigs are great for getting your
feet wet with 6m; if it ends up that you're not that interested in
6m, then you still have the HF capabilities of the rig.

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Randall Rhea	Informix Software, Inc.
Project Manager, MIS Sales/Marketing Systems	randall@informix.com

Date: (null)

From: (null)

Date: (null)

From: (null)

Date: (null)

From: (null)

And from Romania, the special callsign YR0DCF will be aired throughout the month of May to celebrate the 625th anniversary of the founding of the city of Braila.

Now the Rallies for today Sunday the 24th of April:

The Irish Receiving and Transmitting Society Annual General Meeting and Mobile Rally is being held at the Jacksons Hotel, Ballybofey, County Donegal, Ireland.

We know of no events for next Saturday the 30th of April, and only two for Sunday the 1st of May:

The 11th Anglo-Scottish Rally will be held at the Tait Hall, Kelso, Borders. Doors open at 11am. The event features trade stands and a bring and buy stall. Refreshments will be available and talk-in is on two metres, channel S22. For further details contact GM4UFP on 0750 20006 after 6pm.

And the British Amateur Television Club (BATC) Rally is to be held at The Sports Connection, Leamington Road, Ryton-on-Dunsmore, Coventry. Please note this is a new venue for this rally. The event features the usual trade stands, demonstrations, a lecture programme and a bring and buy stall. Refreshments will be available. For further details contact Mike, G6IQM on 0788 890365 or Fax 0788 891883.

And now the two rallies we know for Bank Holiday Monday the 2nd of May:

The Dartmoor Radio Rally is to be held at the Yelverton Memorial Village Hall, Meavy Lane, Yelverton, Devon. Doors open at 10.30pm. The event features trade stands, a bring and buy stall and other attractions. Refreshments will be available and talk-in will be on channel S22. For further information contact Ron on 0822 852586.

The Mid-Cheshire Amateur Radio Society Rally will be held at the Civic Hall, Winsford, Cheshire. Doors open at 11am, or 10.30am for disabled visitors. The event features trade stands and a bring and buy stall. Refreshments will be available and talk-in will be on two metres, channel S22 and seventy centimetres, channel SU22. For further details contact Dave, G4XUV on 0606 77787.

Now some dates for your diary:

This year's RSGB Headquarters Open Day is scheduled for Saturday, the 4th of June. Details can be found in the May RadCom.

The RSGB National Mobile Rally is to be held at its usual venue on Sunday the 7th August at Woburn Park, Bedfordshire. For further information contact Norman Miller, G3MVV on 0277 225563.

HF contest news now:

The Helvetia (Swiss) Contest takes place this weekend and finishes at 1300 today, Sunday the 24th, after running for 24 hours. Use CW only on 1.8MHz, and CW and SSB on 3.5 to 28MHz but excluding the WARC bands. The contest is rather complex so participants are advised to consult the rules which can be found in the April edition of RadCom on page 19.

The fourth in this year's series of RSGB QRS (Slow Morse) Cumulative Contests will take place next Friday the 29th of April from 1900 to 2030 UTC between 3.540 - 3.580MHz. See April RadCom page 8, for further details and January's RadCom, page 83 for the rules. Novice licensees are particularly encouraged to participate as contacts with Novice calls are worth quadruple points.

The Yeovil QRP Funrun Contest starts on Monday the 2nd and runs daily from 8 to 10pm local time until Friday the 6th of May. See April RadCom page 73 for full details.

Next some VHF contest news:

The first of seven RSGB 10GHz Summer Cumulative Contests takes place today, Sunday the 24th, from 0900 -2100 UTC. See April RadCom page 82 for further details.

The RSGB 70 Centimetre Trophy Contest is scheduled to take place on Saturday the 7th of May, from 1400 to 2200 UTC. Starting at the same time is the 432MHz to 24GHz Contest which is a 24-hour event. See February RadCom, page 83 for further details of both events.

Special event stations this week include:

GB2AMN, which will be aired by members of RAF Finningley Amateur Radio Society from the Newark Air Museum, from 10am to 6pm on the HF bands and two metres.

GB2PCI will be aired during next Saturday the 30th from 10am to 4pm, from the Gosford Forest Park, County Armagh. The occasion is the youth activity day of the Presbyterian Church of Ireland. The station will

operational on 40, 20, 17 and 15 metres SSB, with some activity on 2m. For details contact G10NCA on 0504 860192 after 6pm or via packet at GB7WRI.

GB0XXV, will be used until the end of September to celebrate the 25th Anniversary of the Thornton Cleveleys Amateur Radio Society. The station will operational on HF, VHF and UHF, with G4ATH on 160 metres and G6GMW on VHF and UHF. For further details contact G8RDP, whose address is correct in the RSGB Call Book.

Date: (null)
From: (null)
And now the solar factual data

The period from the 11th to the 17th of April has seen continuing magnetic storms, a mass coronal ejection affecting the south east quadrant of the sun, filament disintegrations, and an aurora. A massive restructuring of the sun's surface features is now taking place. The HF bands have been seriously affected. The only good news is that the very high levels of electron fluence have at last died down.

There have been some 'sub B' flares but details were buried under all the other events. The mass ejection which started on the 14th masked any black-outs and sudden storm commencements. The sun spot indices meaned at only 19, with general solar activity remaining very low. Solar flux levels have also remained low and averaged only 77 units. The 90 day mean on the 17th was 94 units.

The geomagnetic Ap index has varied from 'storm' up to 'severe storm' levels all the period. The mass ejection started on the 14th and continued through the 15th together with the disappearance of some small filaments. A magnetic storm commenced at 20.04 on the 16th raising the Ap levels to 33 units. Levels rose further to 67 units at mid latitudes by the 17th. At high latitudes levels went up to 130 units. The major storm took place from midnight on the 16th up to mid-day on the 17th which made it hard going for the GB2RS news service on the eighty metre band. Critical frequencies were down to only 3.4MHz with only the F1 layer being detectable. The K indices rose to K9 over the 16th and 17th with levels of K5 and K6 on the other days. The Ap indices averaged 35 units for the period. The state has been 'Mag storm mass ejection' most of the week.

The aa indices, as supplied by the British Geological Survey for the period from the 5th to the 11th of April, gave daily averages of 64.4 nanoTeslas about K4, but it was a very disturbed period, with many periods over 100 nanoTeslas; there was no quiet period. The X-Ray flux

rose from A1.0 on the 12th up to A4.8 on the 17th. All the X-Ray activity was in the mass ejection area of the sun. The 'greater than 2 Mega-electron volts' electron fluence has been very high for the past month with levels around 2.5 plus 9. However, on the 17th levels dropped to 1.3 plus 7 which is about normal for this time; it is hoped that this will have an effect on stabilising the HF bands, particularly for the more northern stations.

I'll repeat the figures. Spots - 19; Flux - 77; Ap index - 35; X-ray flux - A2.8.

Now the ionospheric data for Central France:

The F2 daytime critical frequencies at Poitiers, as reported by Meudon, averaged only 5.5MHz. The 17th was down to only 4.3MHz, with the peak not being reached until 19.00 hours. There were long periods up to 9 hours some days when only the F1 layer could be detected. The darkness hour lows averaged 2.3MHz with periods of spread F lasting through the early morning hours.

I'll repeat the figures. Highs - 5.8MHz; lows - 2.3MHz.

Now the ionospheric data for the north:

The F2 daytime critical frequencies at Ekaterinberg have been seriously affected by the magnetic storms, but levels were about 5.5MHz. The darkness hour lows were about 2.2MHz.

I'll repeat the figures: Highs - 5.5MHz; lows - 2.2MHz.

And lastly the solar forecast:

This week, with the massive restructuring taking place on the sun, it is very uncertain as to what is happening. It may well be 2 or 3 weeks before the new features become established, but it is hoped that the magnetic activity will now die down. The best guess is that the more solar active side of the sun will be rotating away and magnetic activity will be at about 'unsettled' levels. Daytime ionospheric MUFs are expected to be more like normal levels, about 21MHz in the south. But the seasonal changes will make east/west circuits rather difficult. The northern levels will be down on this but much depends on the magnetic activity.

And that is the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last

Wednesday morning, the latest callsigns issued were in the G0 Uniform Uniform and G7 Sierra Hotel series, and Novice calls in the 2 0 Alpha Hotel and 2 1 Charlie Uniform series.

You're listening to GB2RS, the news broadcasting service of the Radio Society of Great Britain, transmitting in the 80, 40, 6 and 2 metre bands.

Date: (null)
From: (null)

End of Info-Hams Digest V94 #450
